

Radarsign/Beacon Safety System



Make your roads safer with a Radarsign/Beacon Safety System. This system includes flashing beacons, a regulatory speed limit sign, and a radar speed sign with a yellow fluorescent YOUR SPEED faceplate.

Equipped with an integrated timer/controller, the system can be pre-programmed for an entire year, incorporating holidays, weekends, and much more. Alternatively, the system can trigger the beacons to be speed and time dependent, and activate only when vehicles exceed a selected speed.

The Radarsign/Beacon Safety System is more effective than stand-alone flashing beacons because of the physiological response of drivers to the radar speed sign displaying their actual speed. Because the sign flashes the driver's speed as they approach it, the driver is forced into an active state of awareness of how fast they are driving, resulting in increased speed limit compliance.

Each component in Radarsign/Beacon Safety System was designed to meet the highest quality standards, withstand the toughest weather, and provide a reliable method of slowing traffic.

StreetSmart Software (Optional)

StreetSmart traffic statistics software uses data gathered from the radar speed sign to report, organize and analyze speed and traffic statistics, and to monitor the traffic-calming effectiveness of the sign on an ongoing basis. StreetSmart allows municipalities and law enforcement to:

- Identify patterns of speeding during the day, providing law enforcement the best information about when to patrol.
- Document a baseline measurement of the actual speeding problem by capturing traffic speed data with the LED display off. This can later be compared with data that is captured with the LED display on to quantify the effectiveness of the sign.

Features of the Radarsign/Beacon Safety System

- **Available in two LED display sizes:**
TC-500: 12" LED display with a 24"w x 21"h YOUR SPEED faceplate with 3-inch lettering or 12" LED display with a 24"w x 26"h YOUR SPEED faceplate with 4-inch lettering. Most effective in 40 mph speed limit road or lower.
TC-1000: 17" LED display with a 36"w x 44"h YOUR SPEED faceplate with 6-inch lettering. Designed for 45 MPH speed limit roads and higher.
- **Maximum visibility** with yellow fluorescent YOUR SPEED faceplate
- **Easy & quick installation:** System arrives 90% assembled
- **Reduced operating costs:** Entire system works from a single power source on a single pole
- **Energy efficient design** means a smaller solar panel and battery are used ensuring continuous operation with battery backup for up to 10 days.
- **Directional Beam Technology** delivers a higher quality display for drivers, even in bright sunlight. Radarsign's proprietary design acts like a cone, magnifying the intensity of the light, and pinpoints it directly to the view of approaching drivers.
- **Heavy-duty aircraft aluminum housing** makes Radarsign products the most vandal resistant signs available. A 3/8" armored BashplateTM protects LEDs and internal components.
- **Speeding alert** flashes actual speed to notify drivers that they are exceeding the posted limit.
- **Display on-off feature** allows traffic data collection to continue even when the display is off.
- **Radar speed sign construction:** NEMA 4R powder-coated aluminum housing, MUTCD compliant signage and display, Lexan cover is UV resistant, abrasion resistant, shatter and graffiti resistant
- **BluetoothTM communication** allows wireless operation of the radar speed sign and data collection directly with a laptop from the comfort of a nearby vehicle.
- **Power Options:** Available in AC or solar models

Beacon Control Options:

- Continuous operation, 24/7
- 12 month programmable timer/controller
- Speed and/or time controlled activation from radar speed sign



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LED Safety Beacon Specifications

12 Inch	
LED Signal Head	LED Quantity: 144
	Lamp Wattage: 15 +/- 10%
	Lens Material: Tint or Clear Polymeric
	Chromaticity: 590 nm
	Working Voltage: 10-15 VDC (solar); 110 VDC (AC)
	Intensity Regulation: yes
	Temperature Compensation: yes
	NEMA 4 Compliant
	Visible Beam Spread: 80° off axis
	UV Stabilization: yes
	Polycarbonate Beacon Housing
	5 Year Standard Warranty
	Flasher Module
Flash Rate: 60fpm	
Duty Cycle: 50%	
Standard NEMA 2 circuit flasher	
Timer Module	16 character, alpha-numeric, Liquid Crystal Display (LCD)
	Automatic Daylight Savings Time (DST) compensation
	48-hour capacitive memory back-up-no batteries to replace
	16 program steps
	10 skip plans
Solar Cabinet	NEMA 3 aluminum cabinet
	DCF-2 circuit 12 volt DC flasher
	8 pin flasher base
	solar regulator
	CPC connector with 72 inch harness
	High quality police lock
Solar Panel Options	Rated Power: 65 watt/85 watt/125 watt
Solar Charge Controller (Solar model only)	Rated Solar Current: 15A
	Rated Load Current: 15A
	System Voltage: 12/24V
	PVM series battery charging
	3 position battery select: gel, sealed or flooded
	100% solid state
	Current compensated low voltage disconnect (LVD)
Battery (Solar model only)	12 Volt 55/75/100 AHr AGM Battery
	Up to 10 day backup operation
AC Cabinet	NEMA 3 weather-tight aluminum cabinet
	DIN mounting wiring panel
	10 amp circuit breaker
	Single stage suppression circuit
	Isolation relay
	Switch to turn off flashing output
	NEMA 2 circuit flasher
	High quality police lock
	Surge arrestor
Beacon Mounting Options	Top of pole, Side of pole, Front of pole